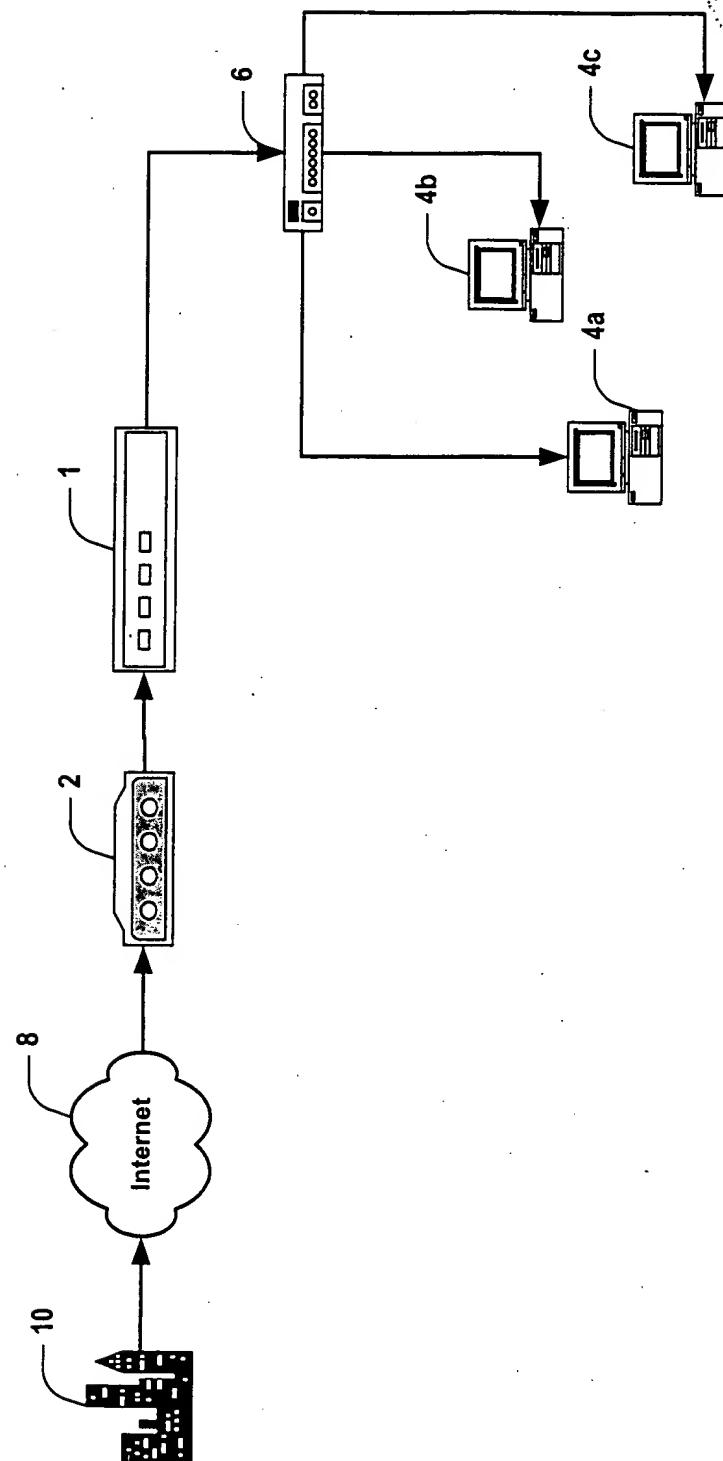


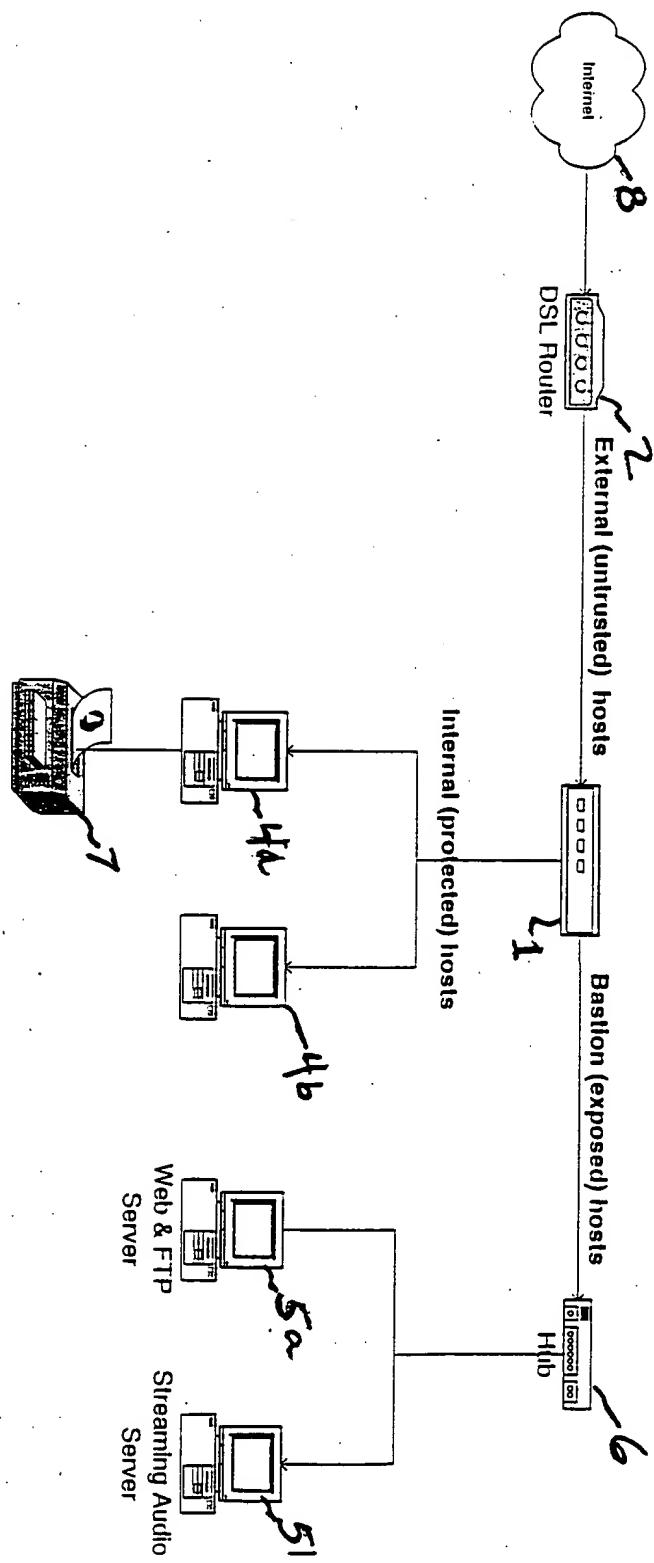
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FIG. 1A



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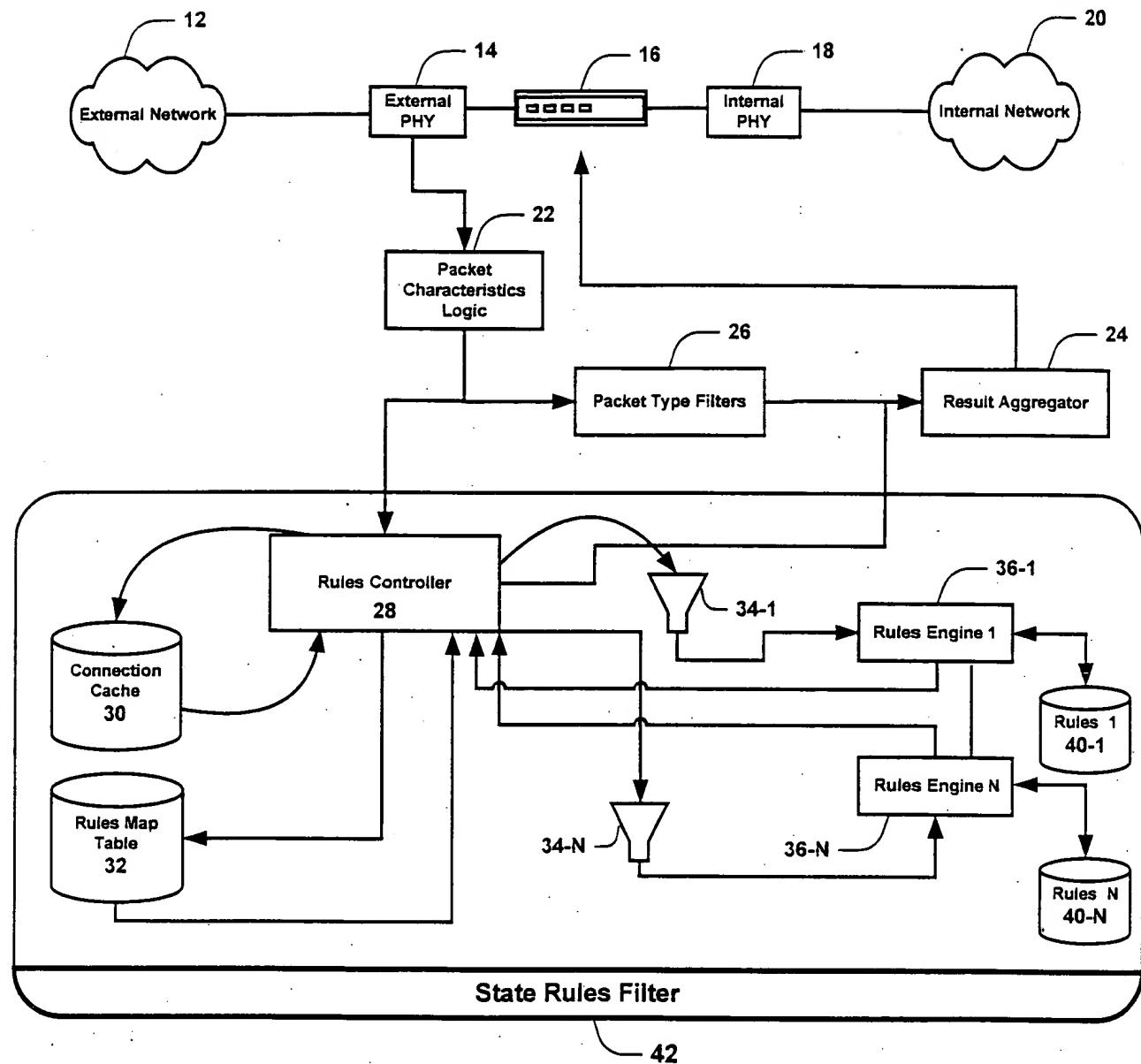
FIG. 1B



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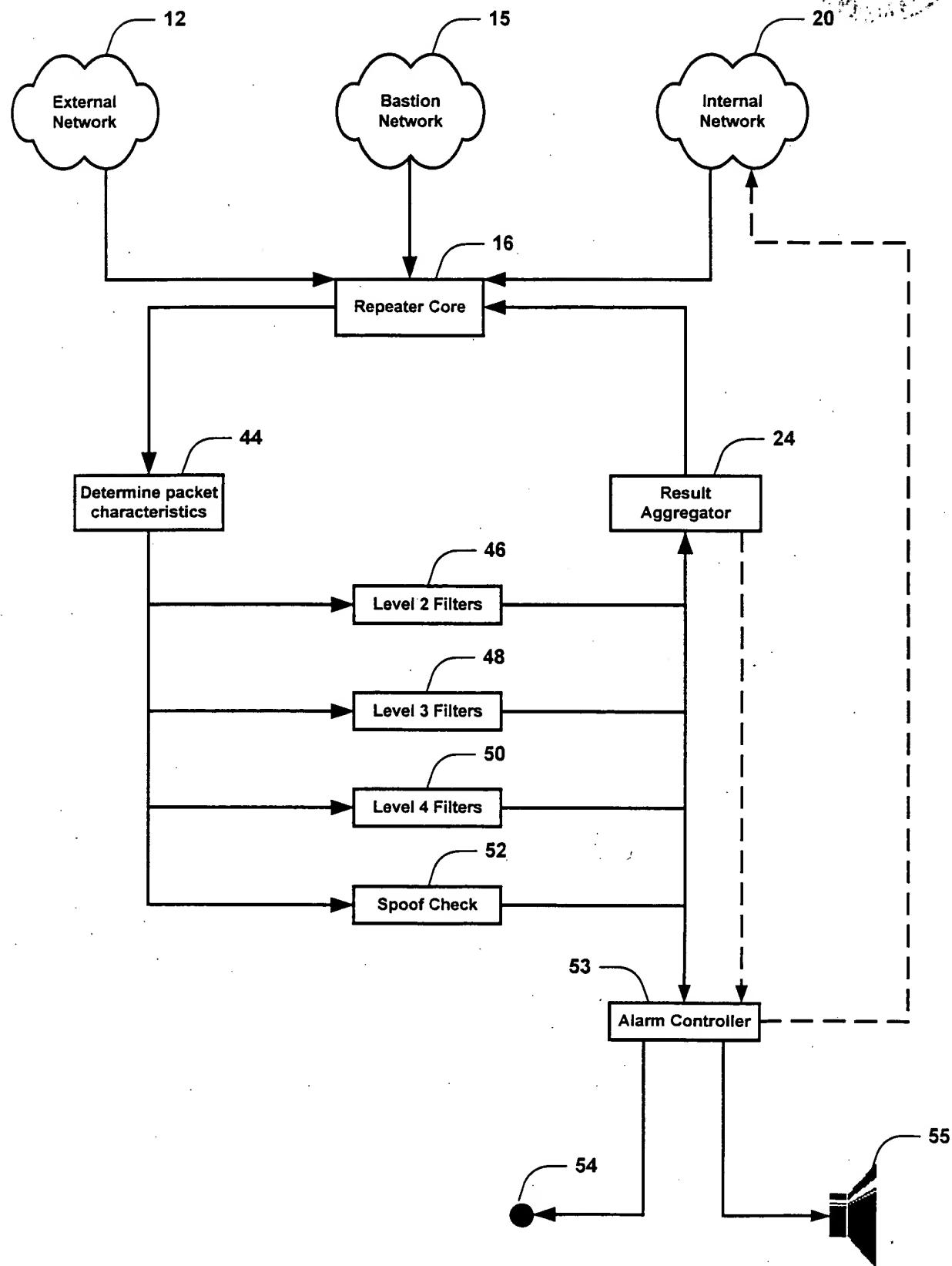
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FIG. 2

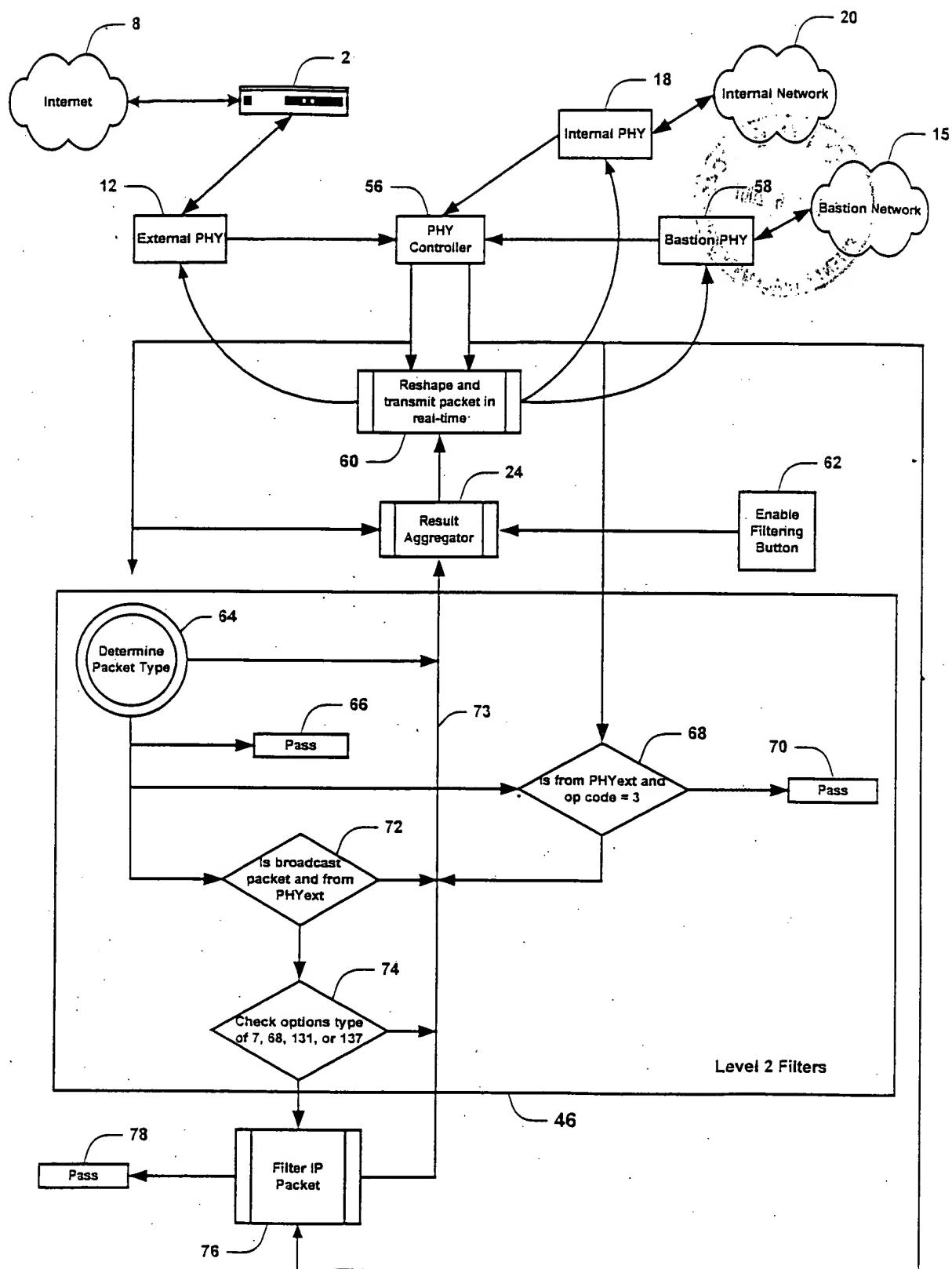


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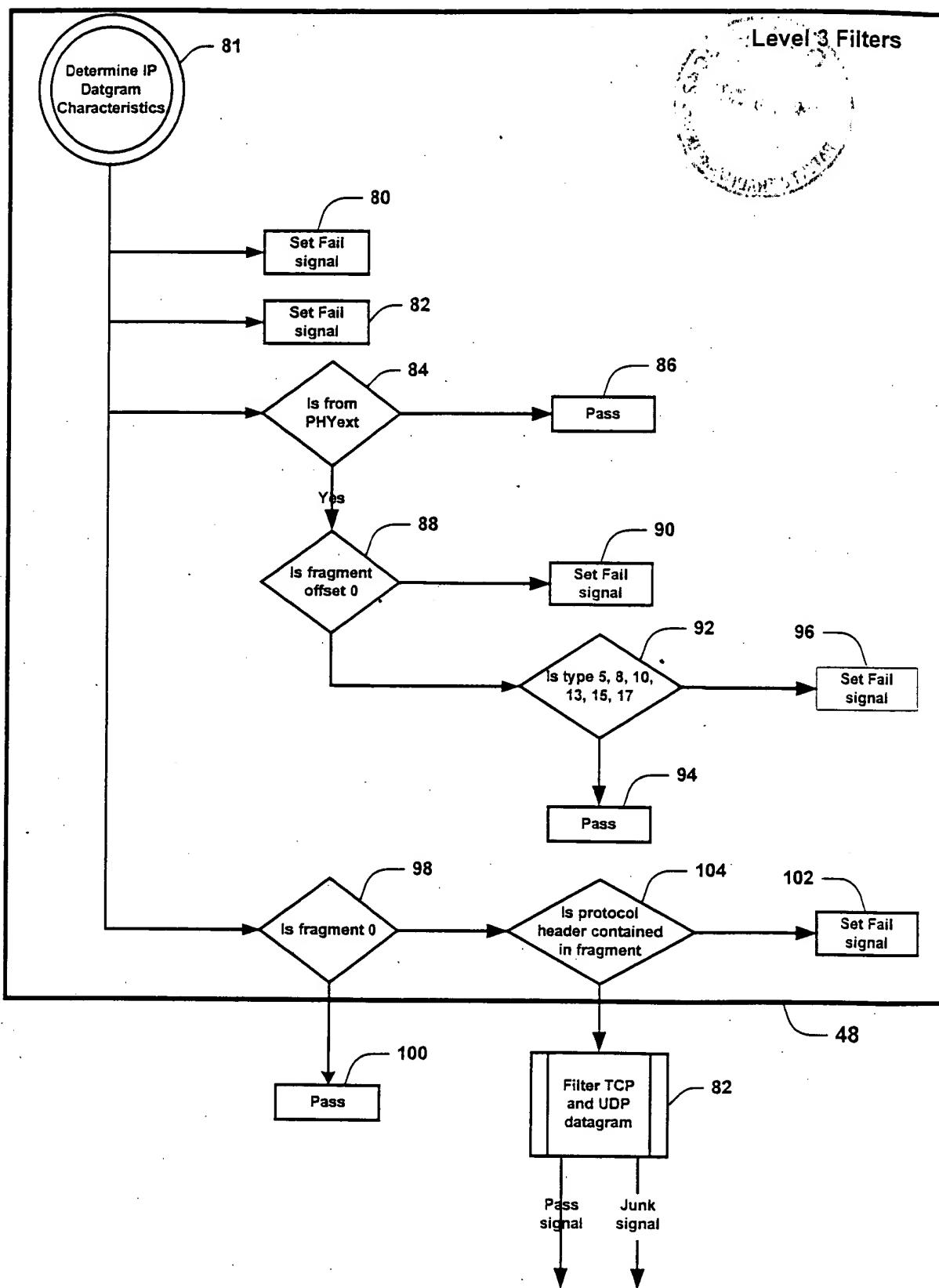
FIG. 3



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FIG. 4

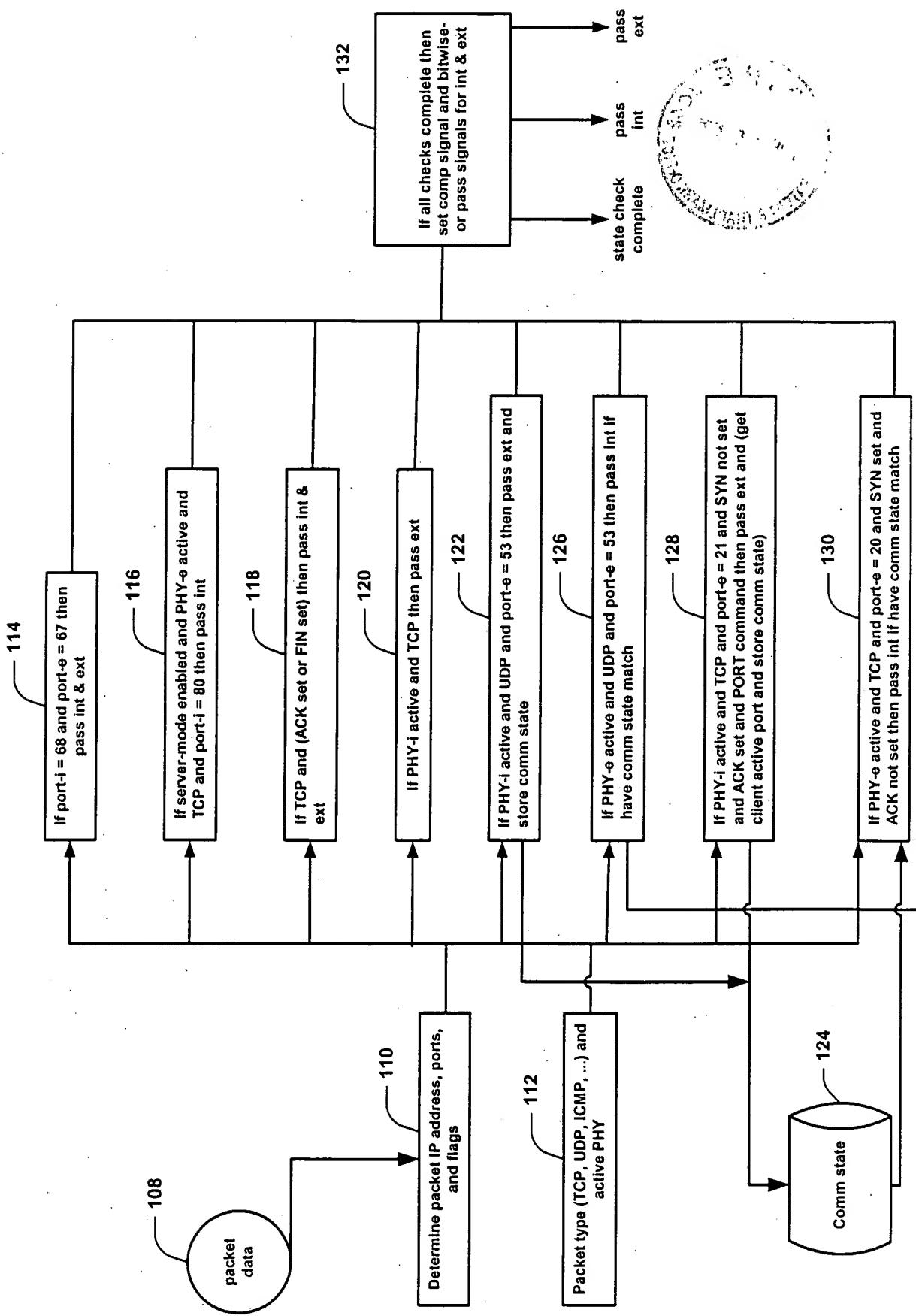


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FIG. 5



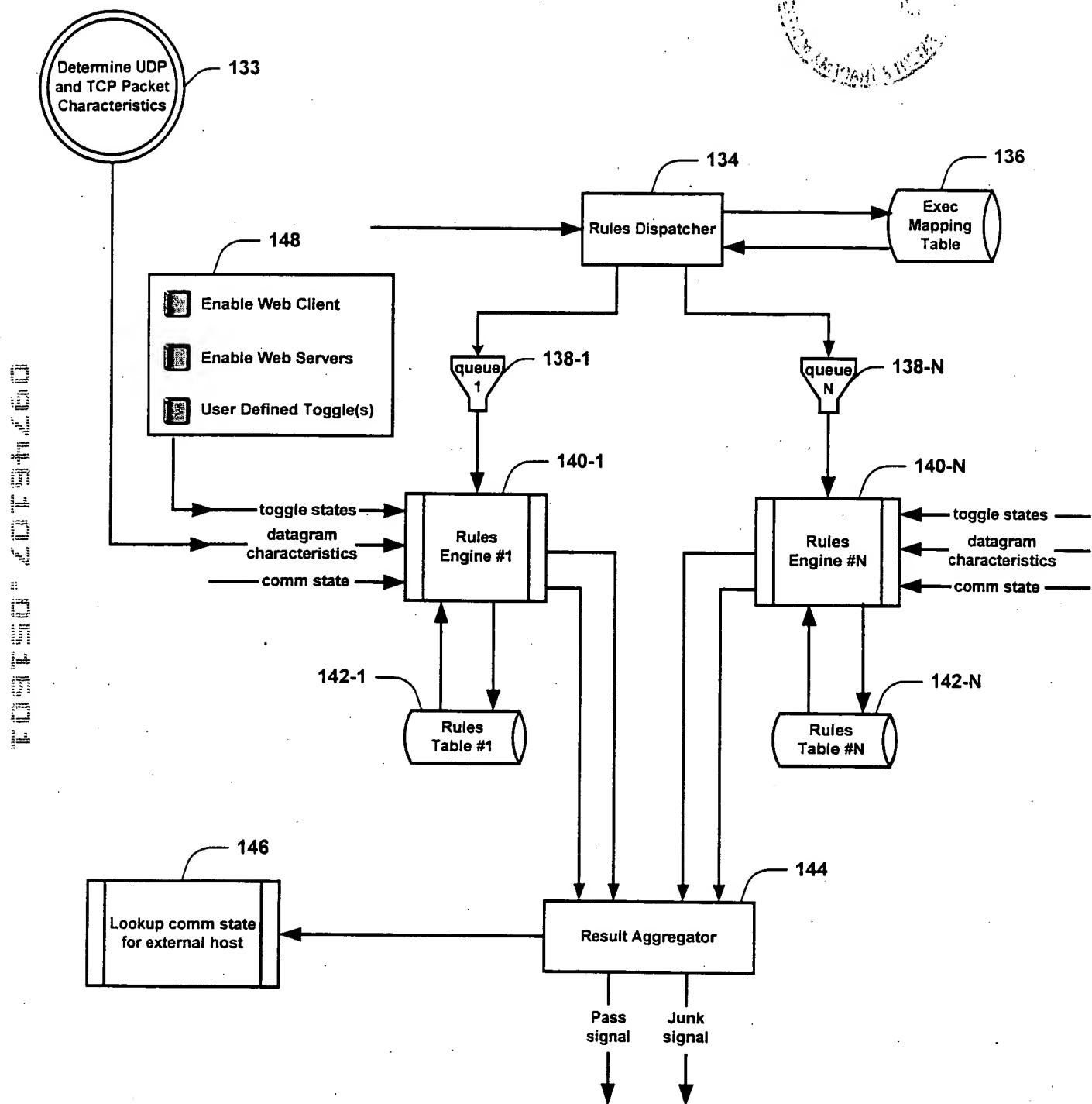
**FIG. 6**

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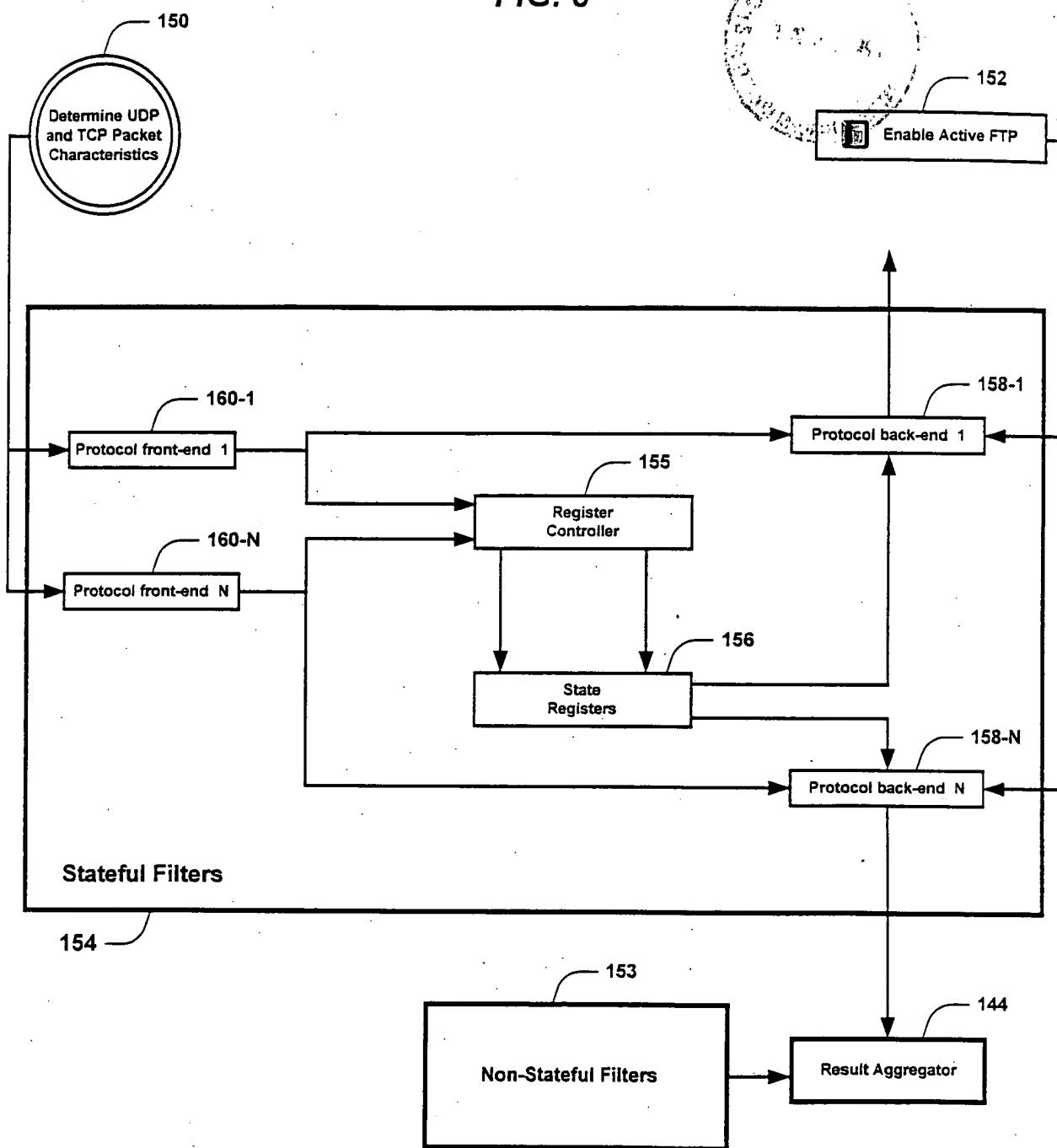
FIG. 7



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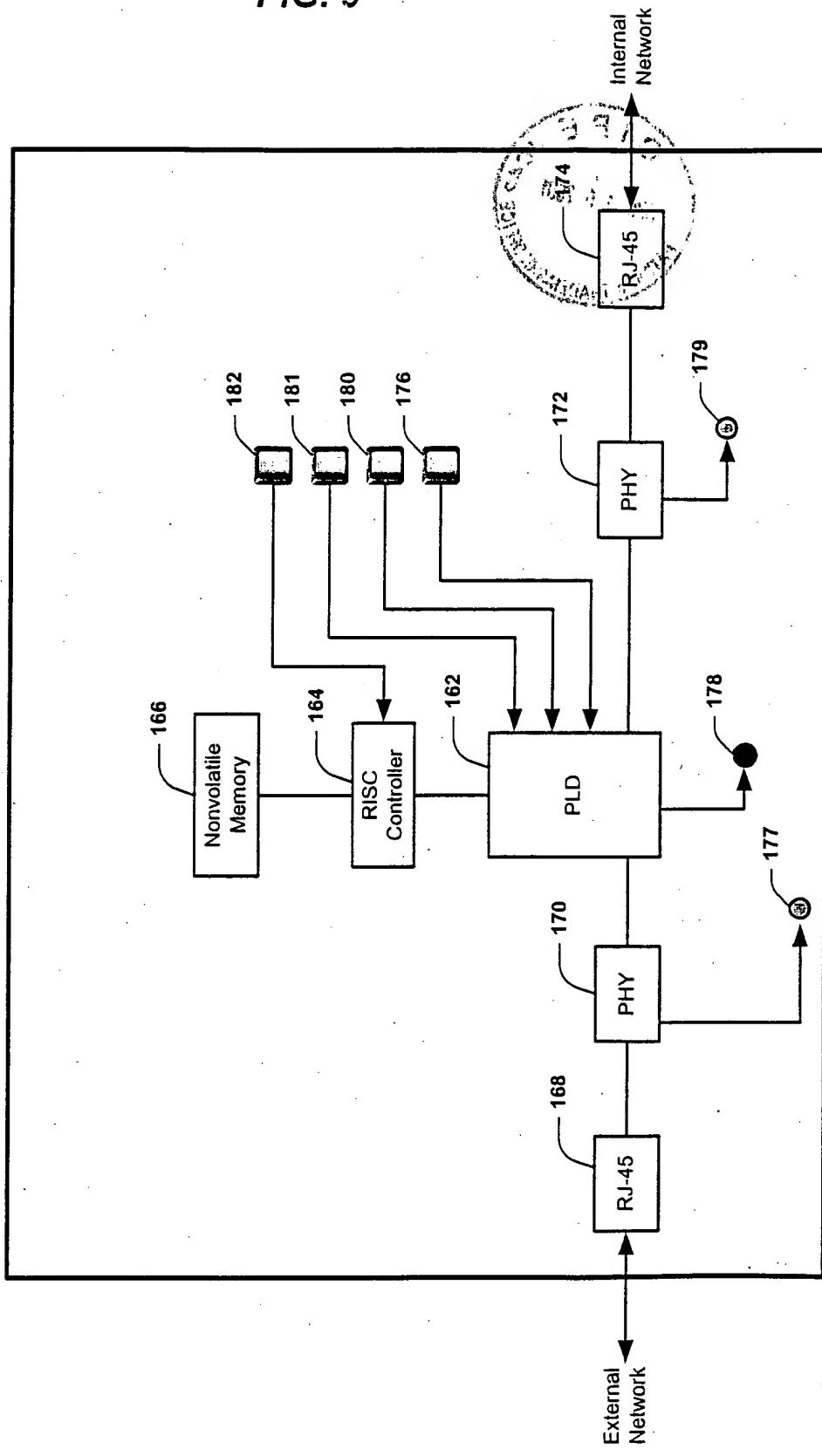
FIG. 8

Stateful Filters



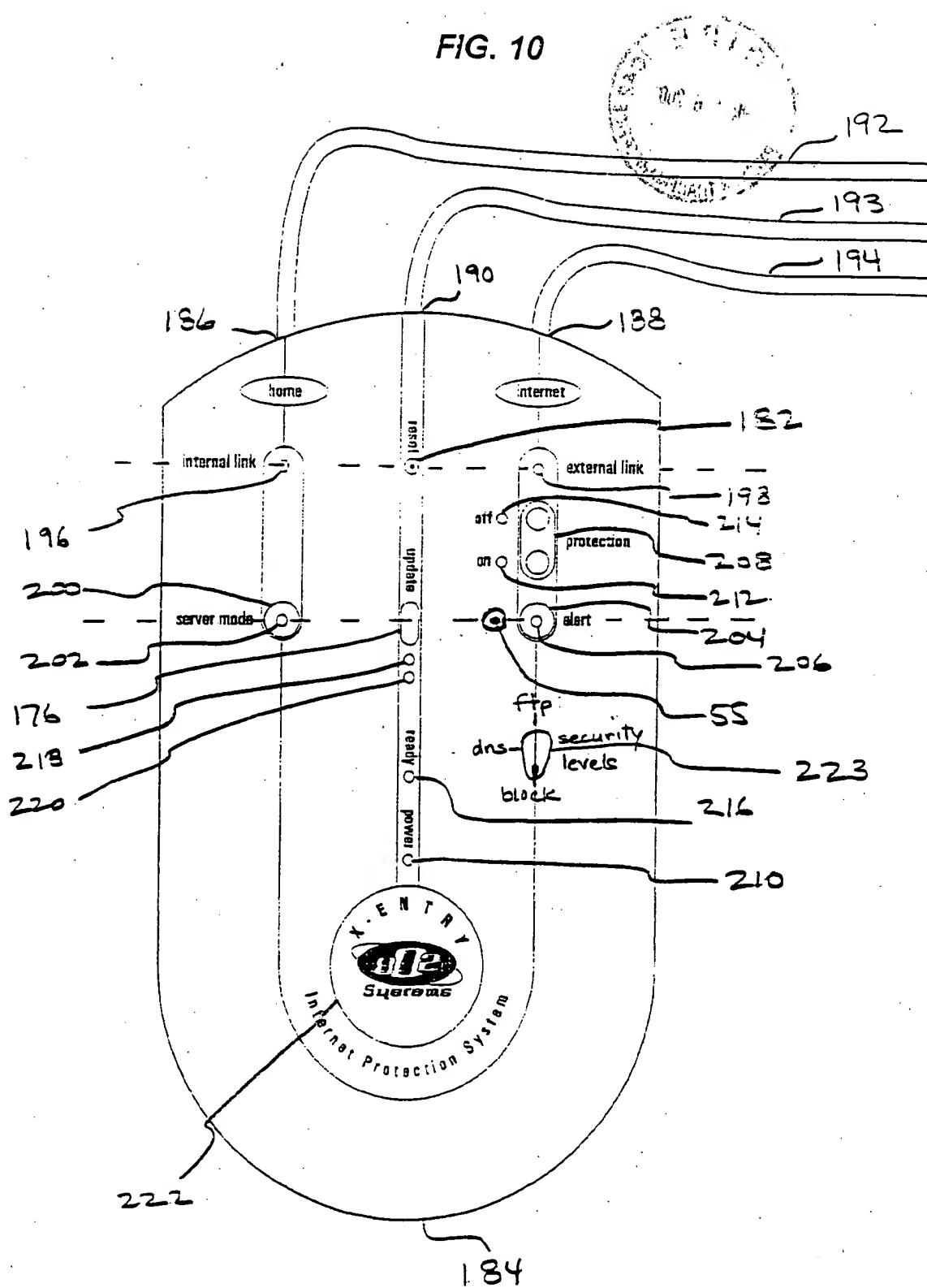
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FIG. 9



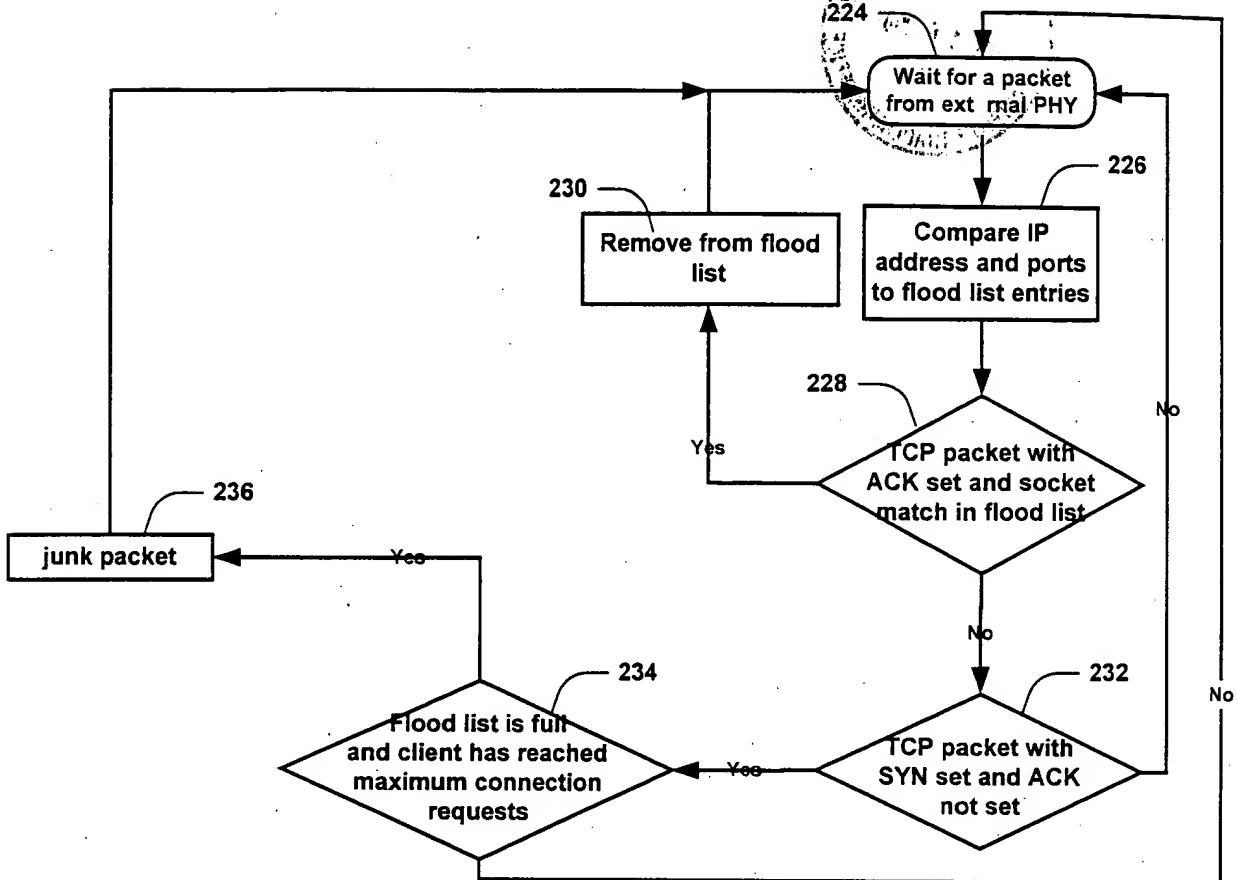
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FIG. 10

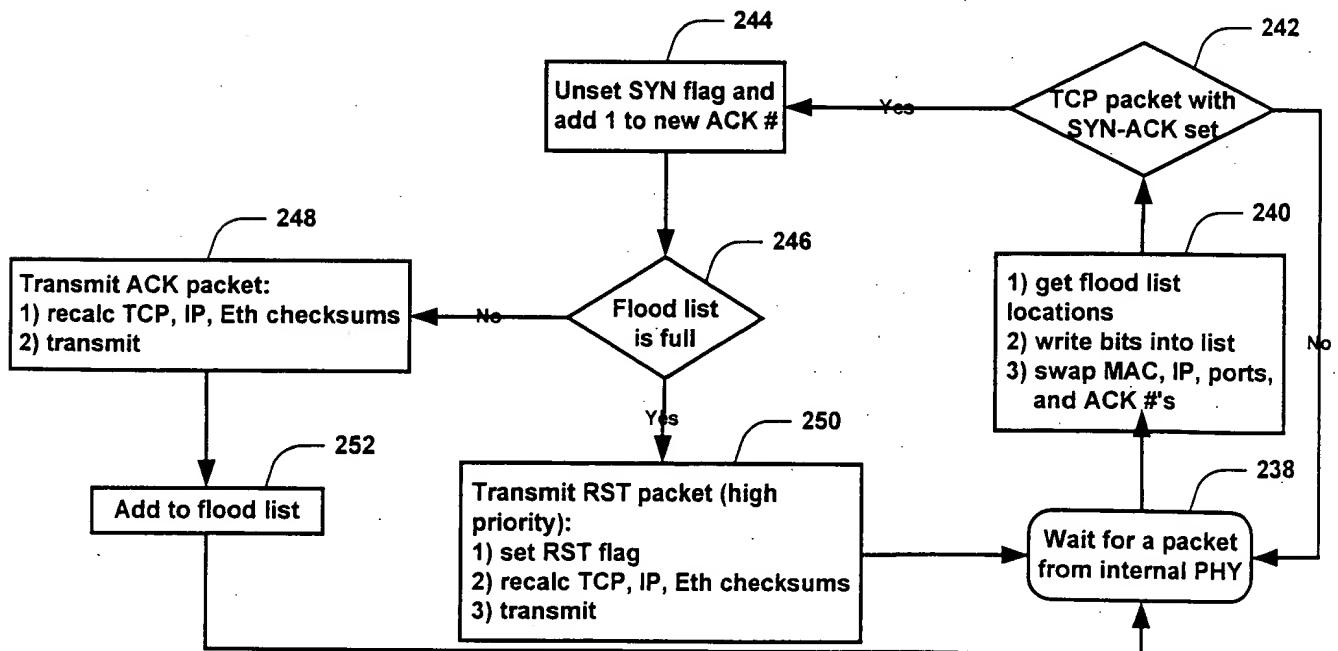


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**FIG. 11**



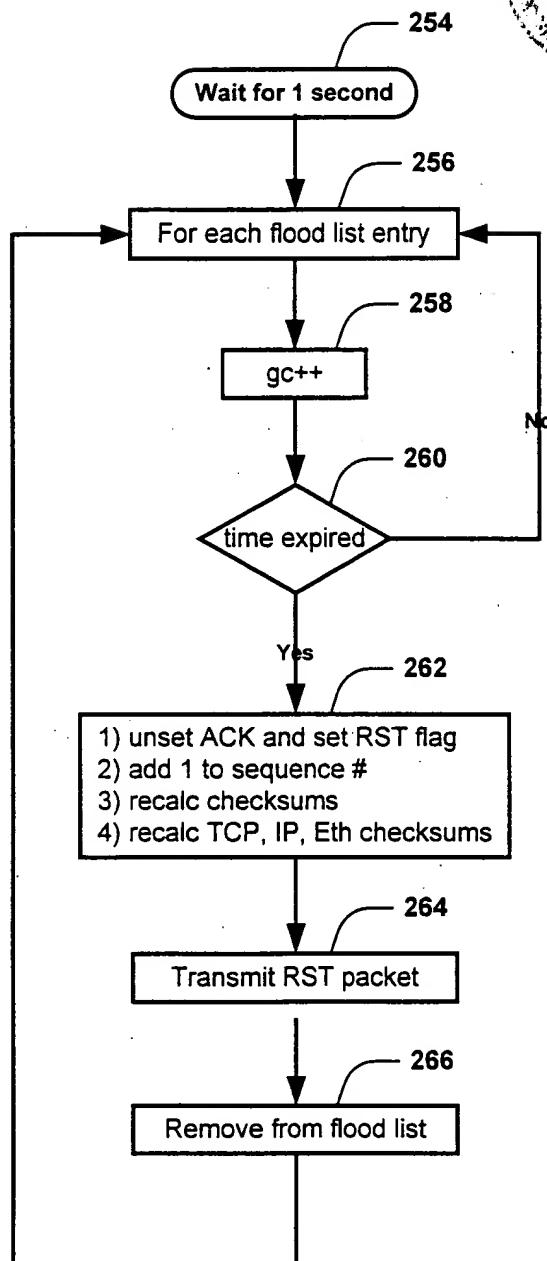
**FIG. 12**



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**FIG. 13**

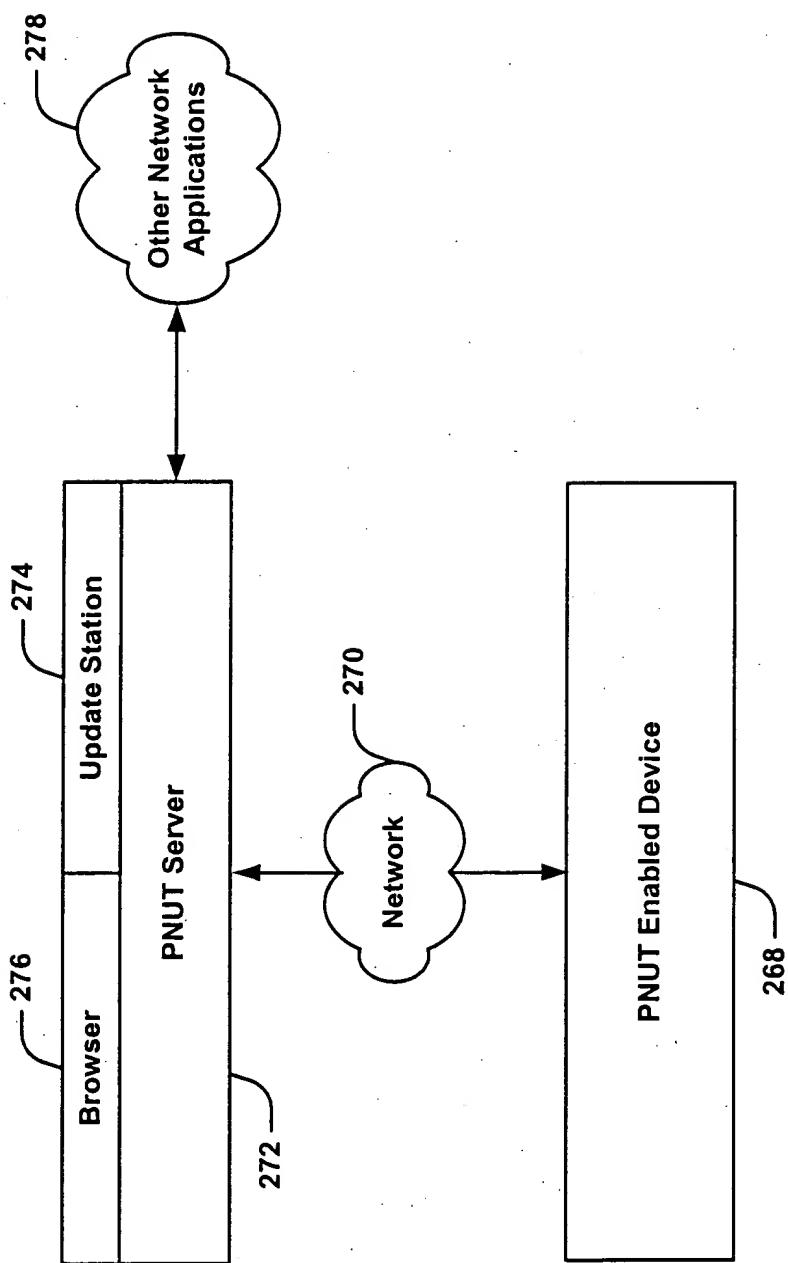


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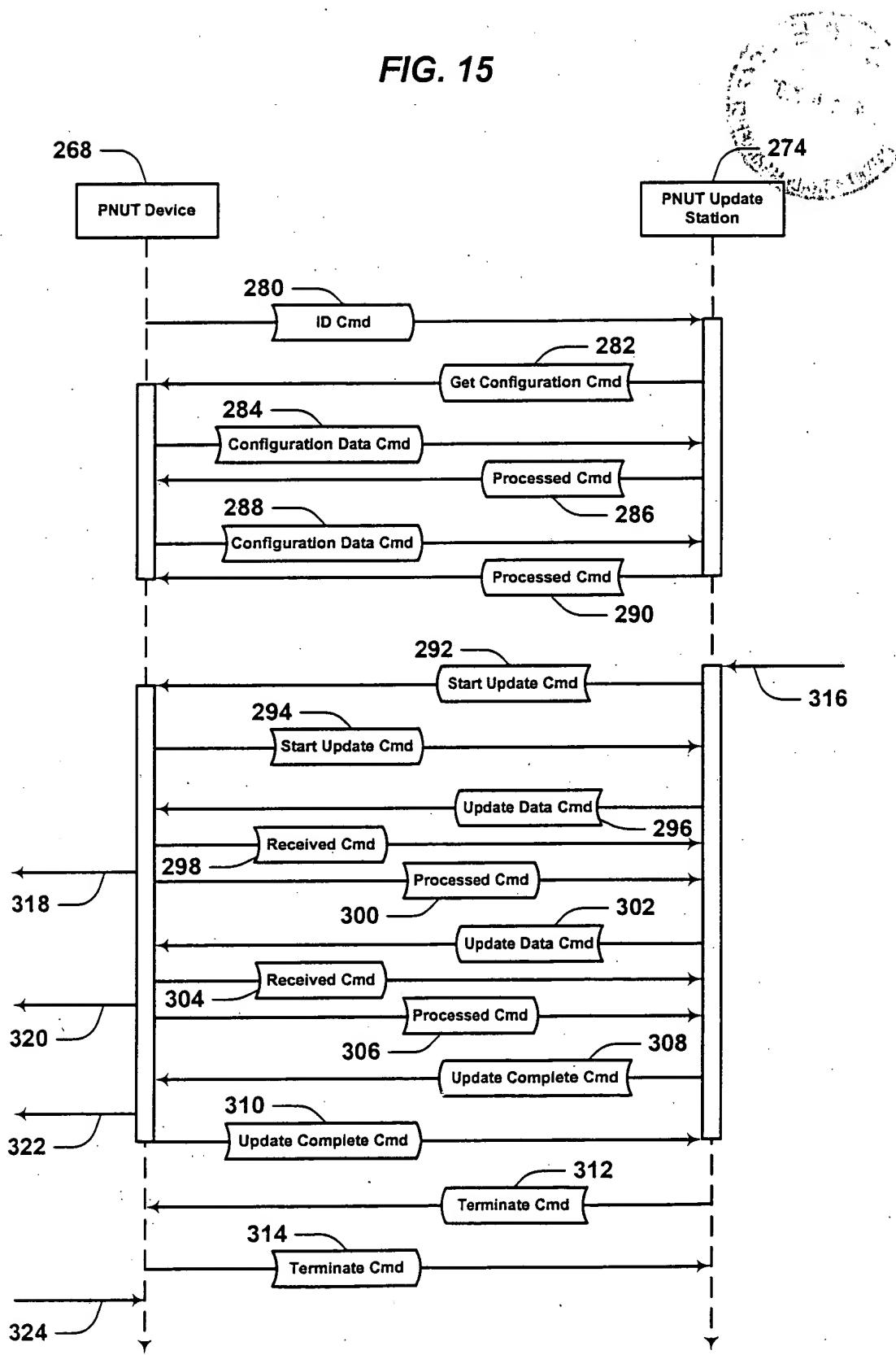
FIG. 14



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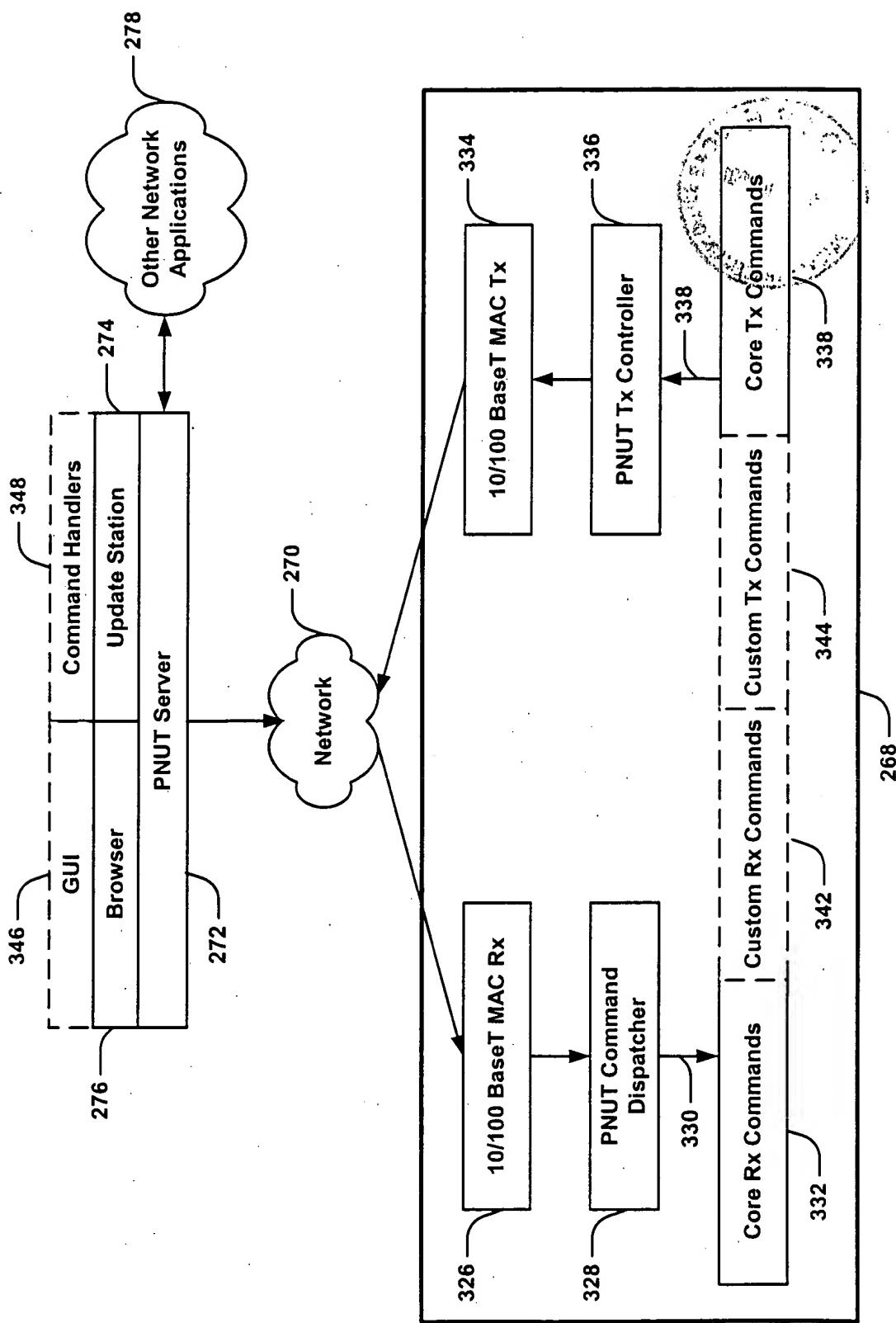
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FIG. 15



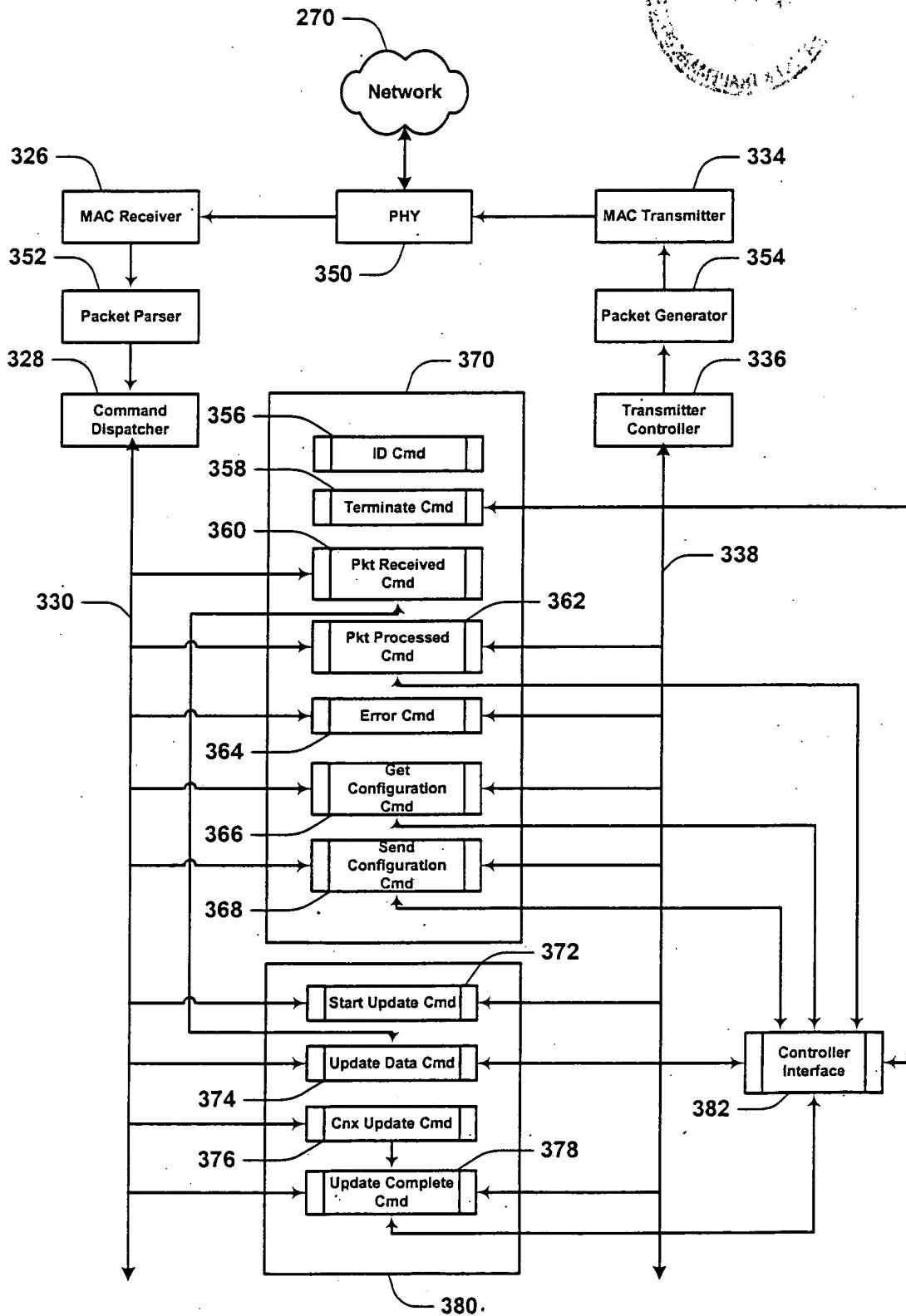
**FIG. 16**

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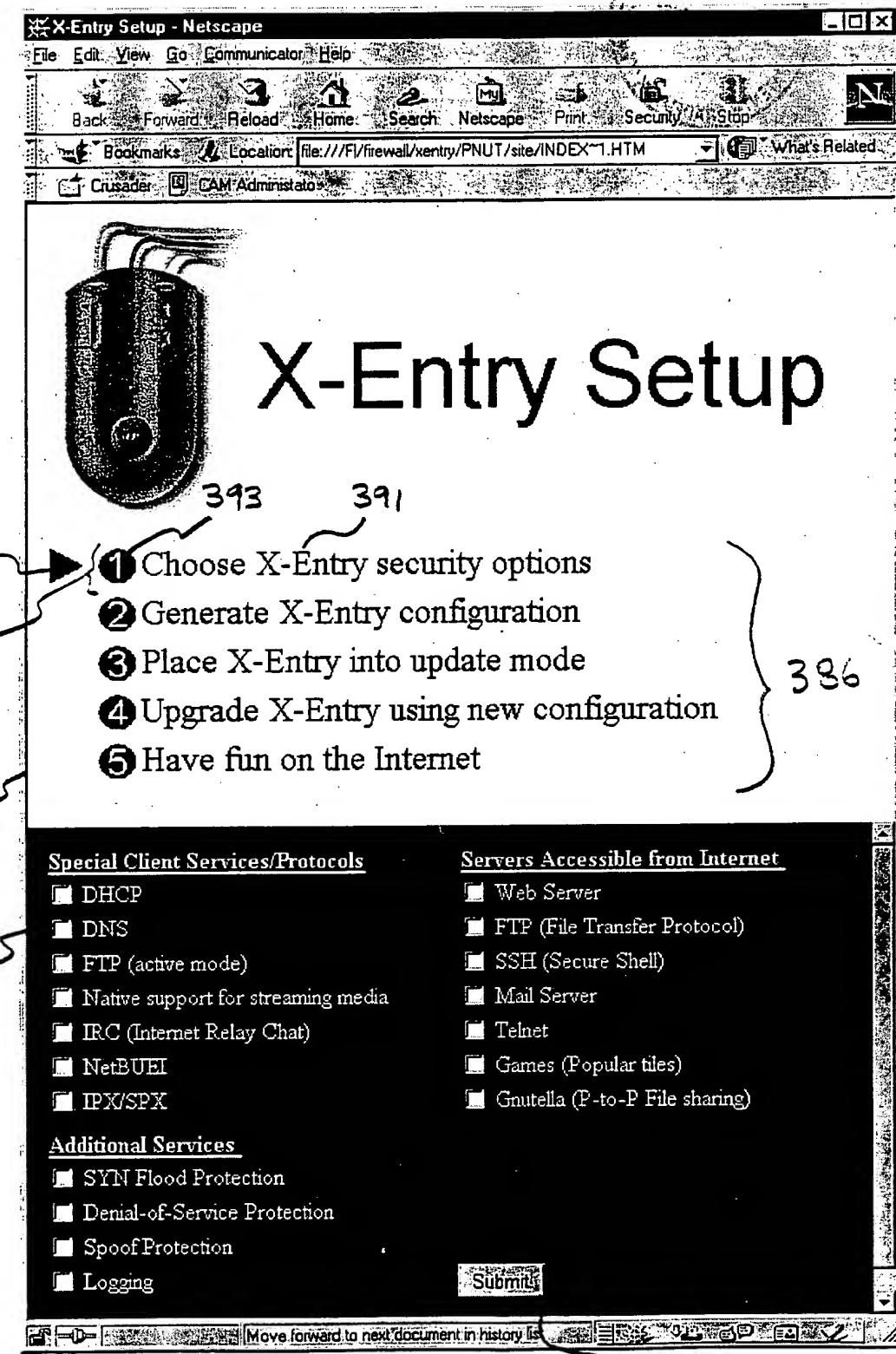
FIG. 17



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FIG. 18

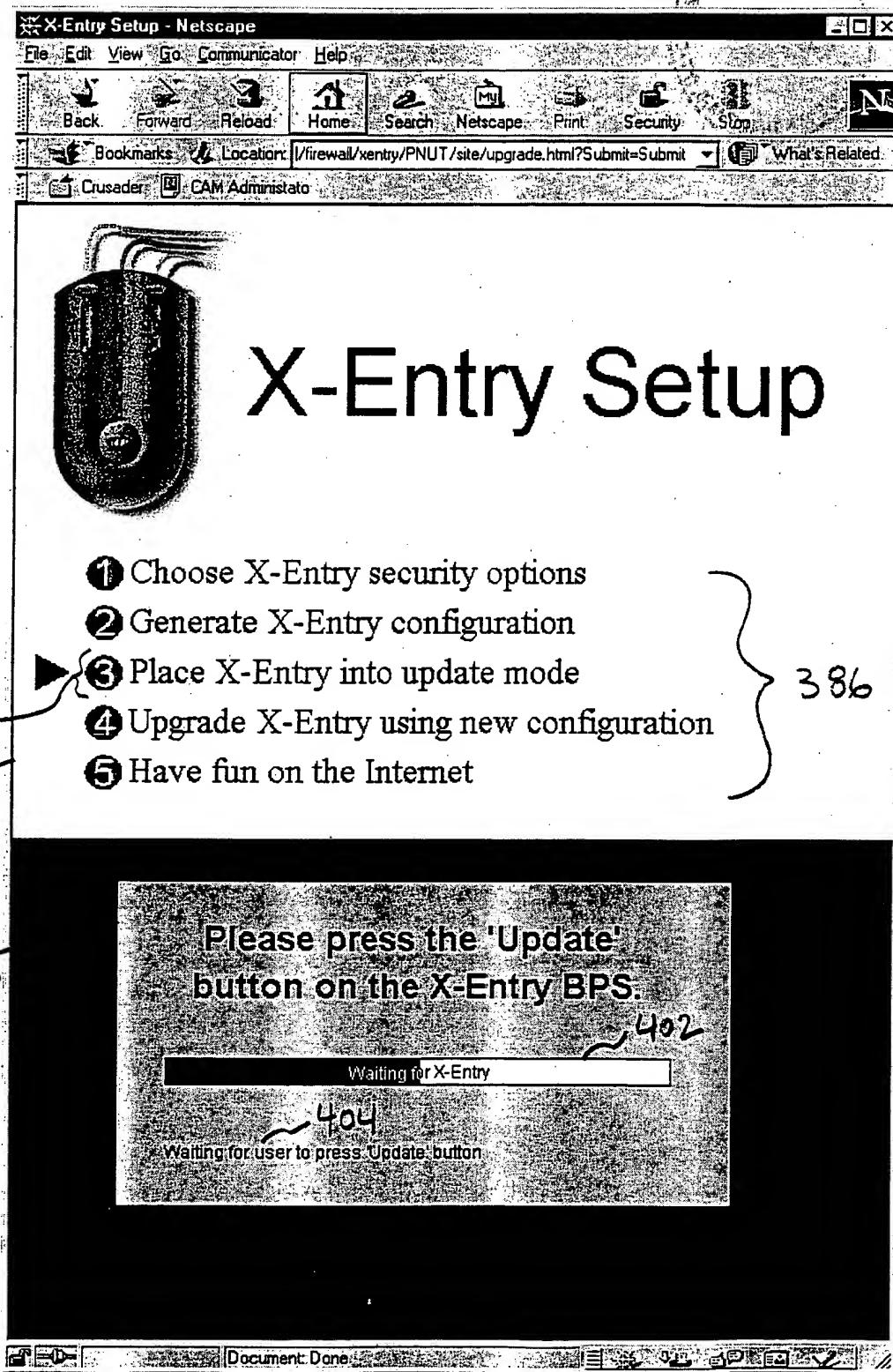


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FIG. 19

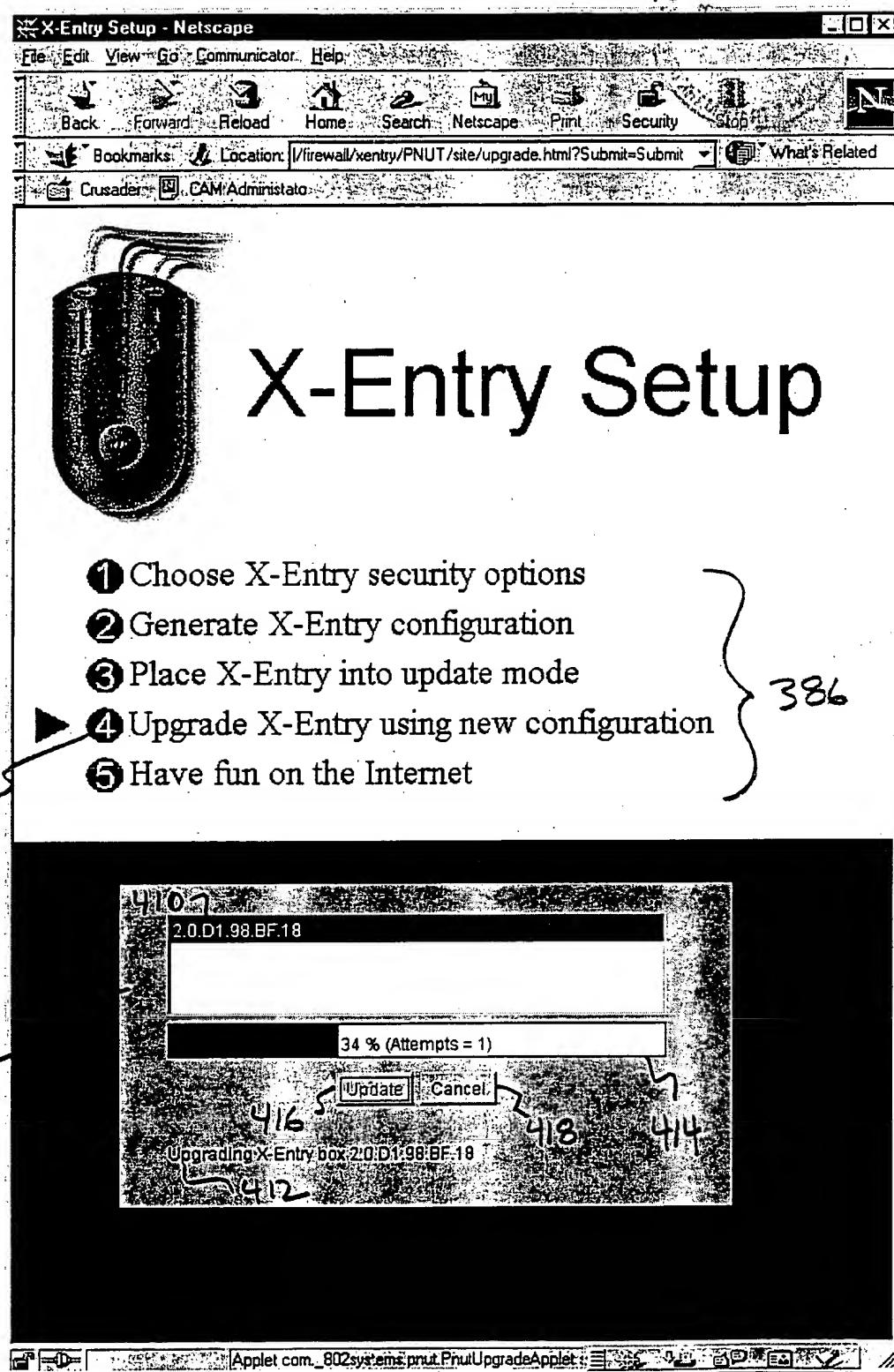
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FIG. 20

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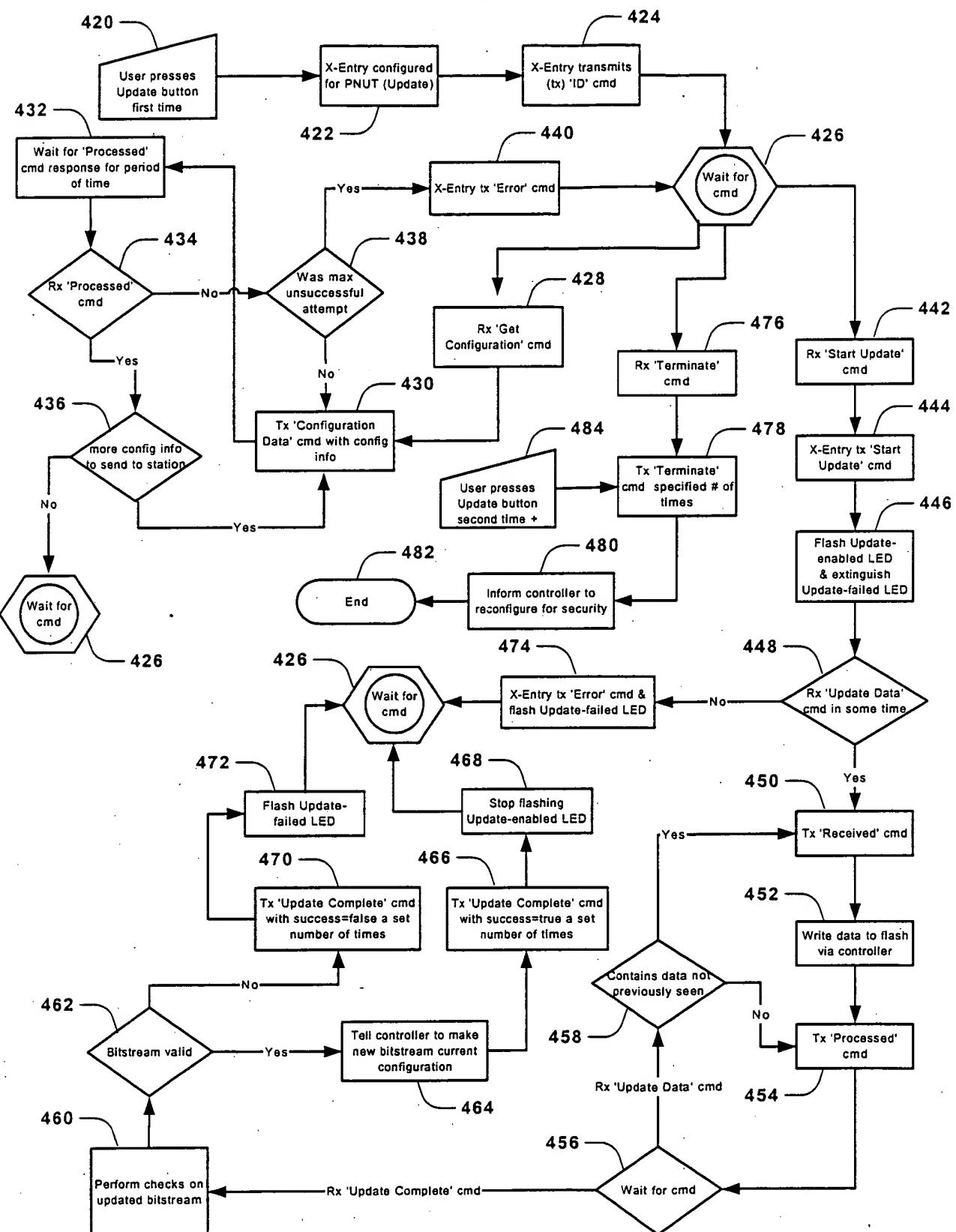


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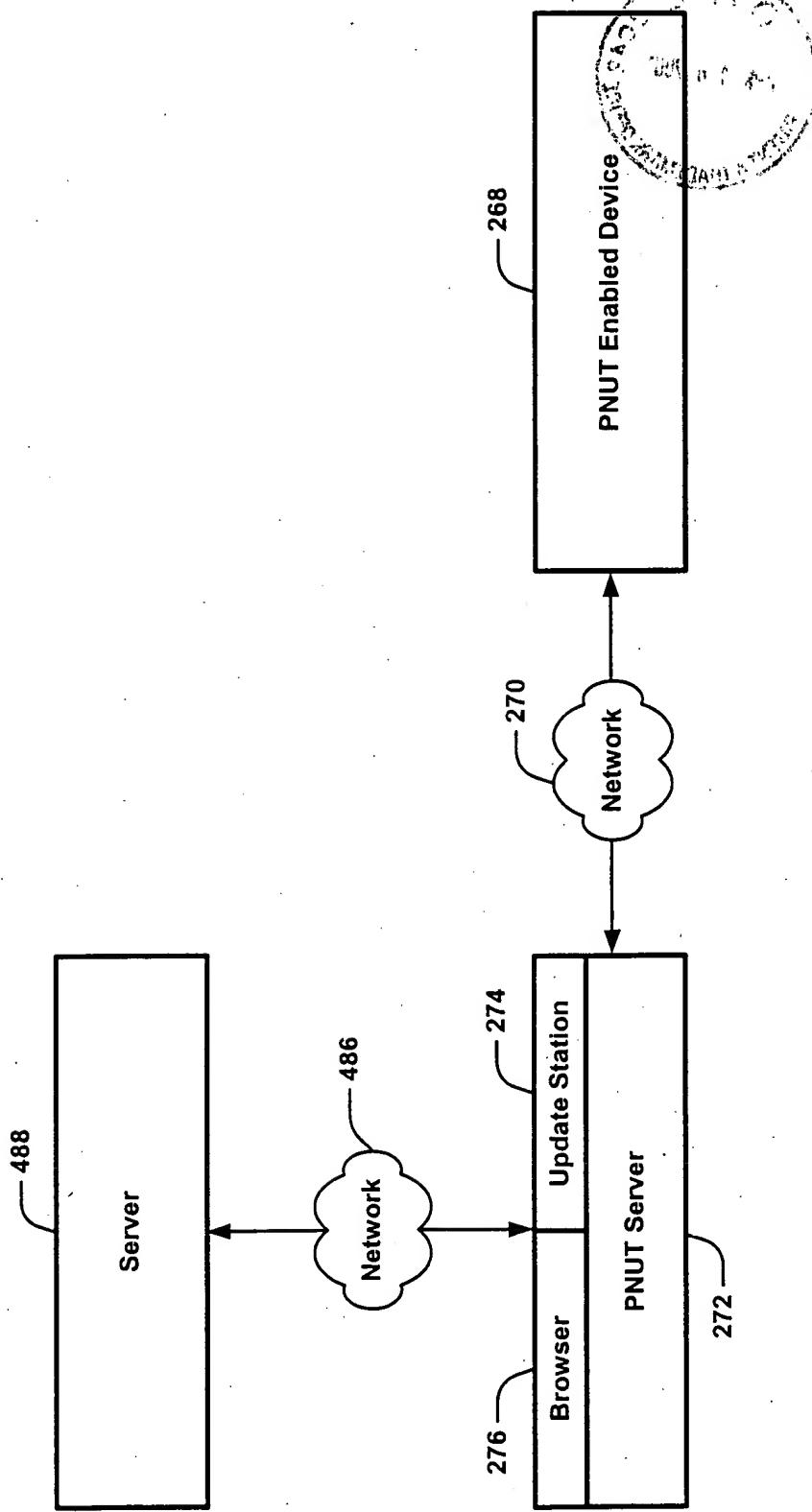
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FIG. 21



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FIG. 22



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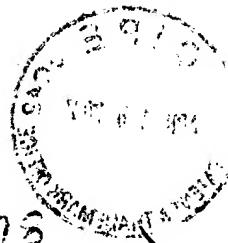


FIG. 23

```
<?xml version="1.0" encoding="UTF-8" ?>
<formats>
  - <msg id="128" name="UPDATE_START_CMD">
    <desc>Start PNUT update</desc>
    <byte name="type" transient="true" />
    <bytes name="checksum" size="2" />
  </msg>
  - <msg id="129" name="UPDATE_MSG_CMD"> S04
    <desc>PNUT data update packet</desc>
    <bytes name="packet number" size="2" /> S06
    <bytes name="length" size="2" transient="true" />
    <bytes name="data" min_size="1" max_size="500" transient="true"
          max_print="0" /> S08
  </msg>
  - <msg id="130" name="UPDATE_LAST_MSG_CMD">
    <desc>Last PNUT update packet</desc>
    <bytes name="packet number" size="2" transient="true" /> S10
    <pad size="8" />
  </msg>
  - <msg id="132" name="UPDATE_CNX_CMD">
    <desc>Cancel PNUT update</desc>
    <pad size="24" />
  </msg>
  - <msg id="136" name="UPDATE_COMP_CMD"> S13
    <desc>PNUT update complete</desc>
    <bytes name="status" size="1" transient="true">
      <status success="0" />
      <desc val="0">Successful</desc> S16
      <desc val="1">Bad packet checksum</desc>
      <desc val="2">Flash write failure</desc>
      <desc val="3">Update cancelled</desc> S22
    </status>
    </bytes>
    <pad size="16" /> S20
  </msg>
</formats>
```

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FIG. 24

